



# PUBLIC NOTICE

**File Number: NRS 15.242**

Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

**APPLICANT:** Mr. Freddie C. Bennet  
Water Resources Representative  
Tennessee Valley Authority  
106 Tri Cities Business Park Drive  
Gray, TN 37615  
423-467-3805

**LOCATION:** Bank Stabilization of 1,500 feet of Huffine Island in Watts Bar Reservoir to protect eroding archaeological site, File# NRS 15.242, Roane County (Lat:35.789124/Lon:-84.471935)

**PROJECT DESCRIPTION:** The applicant proposes to stabilize 1,500 feet of Huffine Island in Watts Bar Reservoir with riprap to protect eroding archaeological site from imminent loss.

Impact 1: Latitude: 35.789124  
Watts Bar Reservoir

Longitude: -84.471935  
Huffine Island

The applicant proposes to stabilize the eroding banks of Huffine Island, a mid-channel island in Watts Bar Lake (Tennessee River) to protect against imminent loss of important archaeological sites. The stabilization would consist of reshaping and riprap armoring of 1,500 feet of the island south eastern shoreline. This activity was previously permitted under permit NRS15.027. This short (twenty day) notice is for the re-issuance of that authorization.

**WATERSHED / WATERBODY DESCRIPTION:** The Watts Bar Watershed is located in East Tennessee and includes parts of Bledsoe, Cumberland, Loudon, Meigs, McMinn, Monroe, Rhea and Roane Counties. The Watts Bar/Fort Loudoun Watershed is approximately 1355 square miles. The Watts Bar portion is approximately 684 square miles. - See more at: <http://tn.gov/environment/article/wr-ws-watts-bar-watershed#sthash.N2njkcEG.dpuf>.

Watts Bar (TN06010201001\_1000) is in the Southern Limestone/Dolomite Valleys and Low Rolling Hills ecoregion (67f). The channel dimensions are as follows: channel bottom width >4500', channel top width (>4500'), water depth (UNK), and bank height (15-25'). Typical substrate in this section is comprised of silt, gravel, mud.

**Stream Name / ID #:** Watts Bar (TN06010201001\_1000)

**Ecoregion:** Southern Limestone/Dolomite Valleys and Low Rolling Hills ecoregion (67f)

**Stream Dimension:** Channel bottom width >4500'  
Chanel top width >4500'  
Water depth unknown  
Bank height 15-25'

**Substrate:** silt, gravel, mud

Designated Use	Use Support	Causes
Fish and aquatic life	fully supporting	
Recreation	not supporting	polychlorinated biphenyls
Industrial water supply	fully supporting	
Irrigation	fully supporting	
Livestock watering & wildlife	fully supporting	

This stream is available for additional impacts to habitat.

**Assessment Date:** 2014

**PERMIT COORDINATOR:** Brian Canada

**FACTORS CONSIDERED:** In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

**COMMENTING:** Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **twenty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

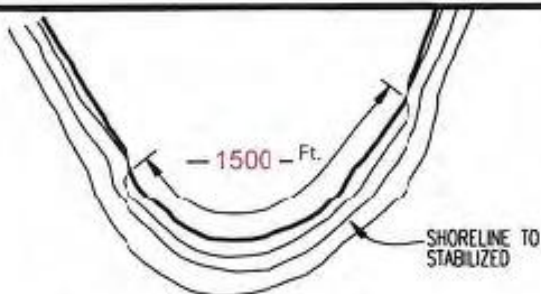
**PUBLIC HEARING:** Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

**APPEAL:** A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being

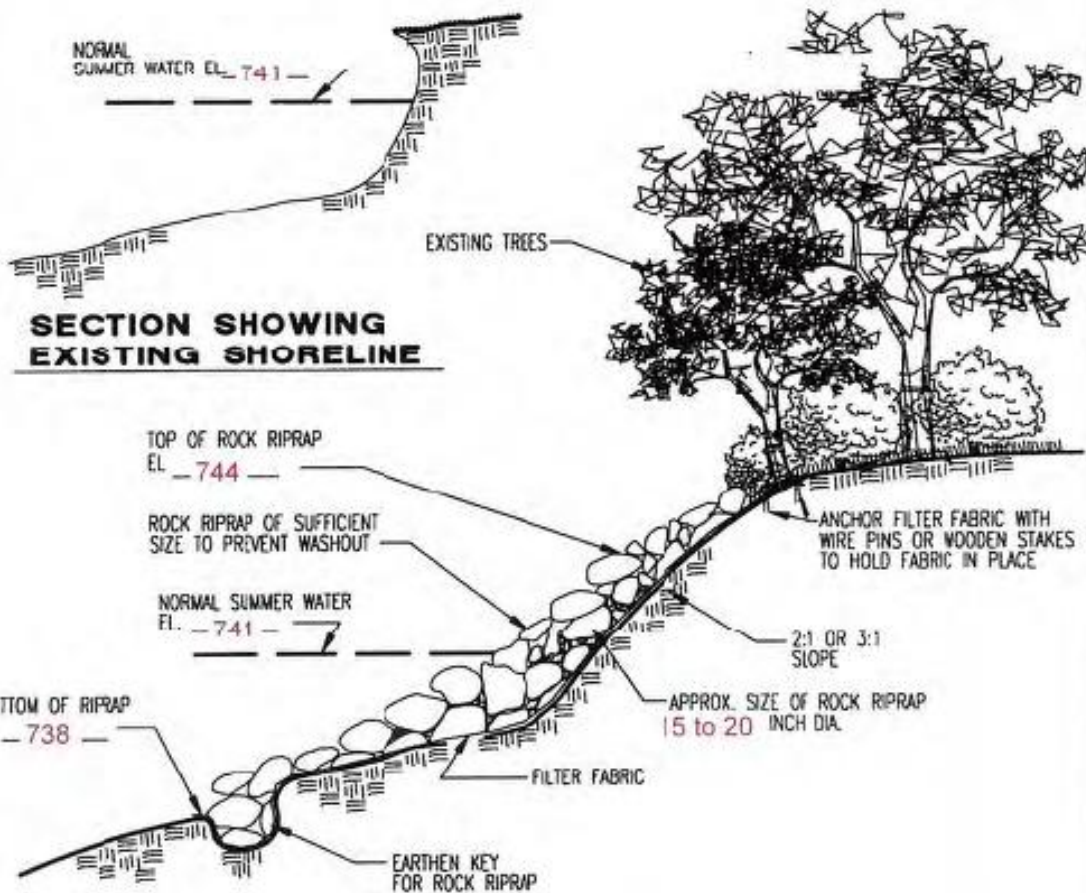
appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Tisha Benton, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 11<sup>th</sup> floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

**FILE REVIEW:** The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation  
Division of Water Resources, Natural Resources Unit  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 11th Floor  
Nashville, Tennessee 37243



**PLAN SHOWING  
EXISTING SHORELINE**



**SECTION SHOWING STABILIZED SHORELINE**

THE NORMAL SUMMER WATER LEVEL IS: 741

**NOTE:**

INCLUDE ALL DIMENSIONS AND ELEVATIONS  
WHERE INDICATED.



**ROCK RIPRAP w/ OPTIONAL VEGETATION**

**PROJECT LOCATION INFORMATION:**

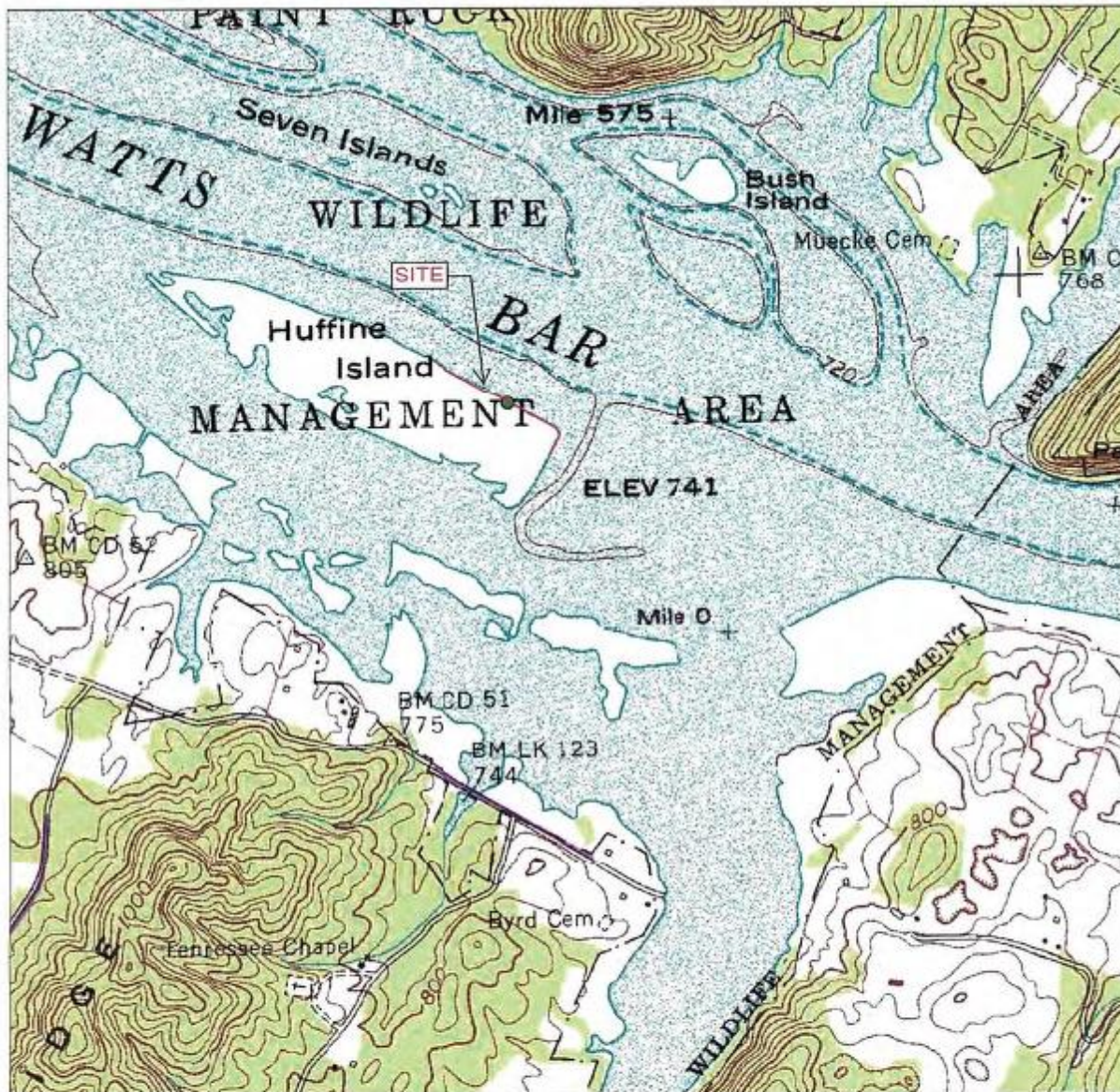
STREAM NAME TN River SUBDIVISION NAME N/A  
RESERVOIR NAME Watts Bar LOT NUMBER Tract WBR-880  
MILE MARKER TRM 575LB MAP NO. 51D & 130SW

(APPLICANT'S NAME)

Tennessee Valley Authority

LRN-2014-01291





TENNESSEE VALLEY AUTHORITY  
 Shoreline Stabilization - 1500 linear feet  
 Tract WBP-880 -Tennessee River Mile - 575LB  
 Map Sheet - 51D; Quad Sheet 130SW(Cave Creek)  
 Roane County, Tennessee

LRN-2014-01291

1,100 550 0 1,100 Feet

